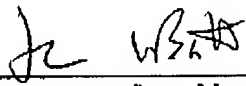


**RECEIVED
CENTRAL FAX CENTER****Reply under 37 CFR 1.116
Expedited Procedure
Technology Center 2800****OCT 20 2005****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Serial No.:** 10/768,944**Conf. No.:** 8944**Filing Date:** 01/30/2004**Art Unit:** 2826**Applicant:** Khan et al.**Examiner:** Erdem, Fazli**Title:** NITRIDE-BASED HETEROSTRUCTURE DEVICES **Docket No.:** SETI-0001DIV**COMMISSIONER FOR PATENTS****Via Facsimile to: 571-273-8300****Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450****Transmitted herewith is: After Final Response in 9 pages**

for the above-referenced application.

- ☒ No additional fee is required.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 500999 as described below.
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.




John W. LaBatt, Reg. No. 48,301

DATE: October 20, 2005**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on the date shown below.

John LaBatt
(Person transmitting this correspondence)



Signature

10/20/05

Date

If you receive this correspondence in error or do not receive the entire transmission, please notify us at (518) 449-0044.

**Reply under 37 CFR 1.116
Expedited Procedure
Technology Center 2800**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/768,944

**RECEIVED
CENTRAL FAX CENTER**

Conf. No.: 8944

Filing Date: 01/30/2004

Art Unit: 2826

Applicant: Khan et al.

OCT 20 2005

Examiner: Erdem, Fazli

Title: NITRIDE-BASED HETEROSTRUCTURE DEVICES

Docket No.: SETI-0001DIV

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AFTER FINAL RESPONSE

Sir:

This paper is being filed in response to the Final Office Action dated August 24, 2005.

Please amend the above-identified application as follows:

Listing of the Claims begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

Serial No. 10/768,944

Page 1 of 9